



PATENT
DOCKET NO.: 176/60192 (6-11405-675, 6-11405-676)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Rosenblatt et al.

Serial No. : 09/016,743

Filed : January 30, 1998

For : CHIMERIC ANTIBODY FUSION PROTEINS
FOR THE RECRUITMENT AND
STIMULATION OF AN ANTITUMOR
IMMUNE RESPONSE

Examiner:
Larry R. Helms, Ph.D.

Art Unit:
1642

15
ED
9-5-00

LETTER TO OFFICIAL DRAFTSMAN

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

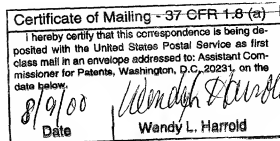
Pursuant to 37 CFR § 1.123, Applicants hereby request that Figures 4, 6, 14,
and 15 be amended as shown in red on the attached copies of these drawings. These changes
are consistent with the formal drawings simultaneously submitted herewith.

Respectfully submitted,

Date: August 9, 2000

Michael L. Goldman
Michael L. Goldman
Registration No. 30,727

Nixon, Hargrave, Devans & Doyle LLP
Clinton Square, P.O. Box 31051
Rochester, New York 14603
Telephone: (716) 263-1304
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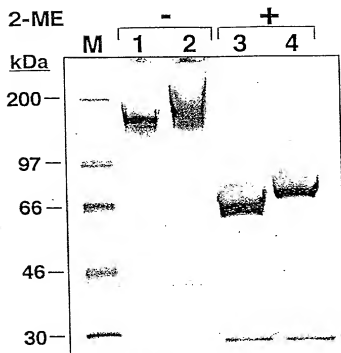


FIG. 4A

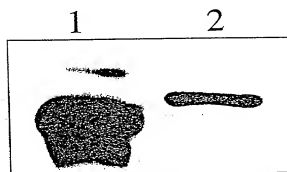


FIG. 4B

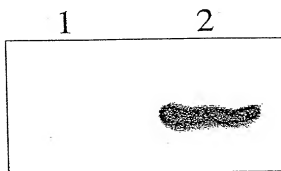


FIG. 4C

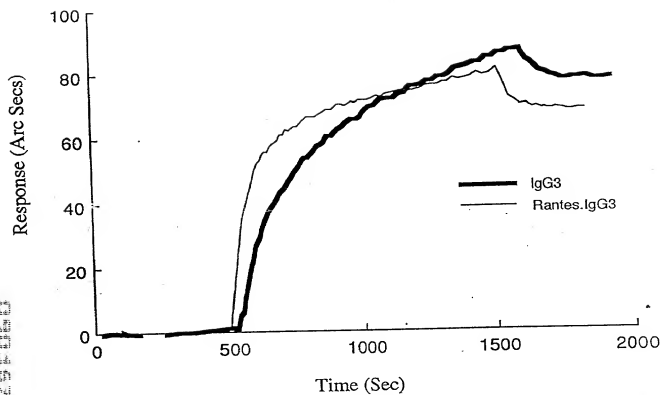


FIG. 6A

	k_a ($M^{-1} s^{-1}$)	k_d (s^{-1})	$K_D(M)$
IgG3	147867	0.007	7.0×10^{-8}
RANTES.IgG3	153538	0.0082	5.3×10^{-8}

FIG. 6B

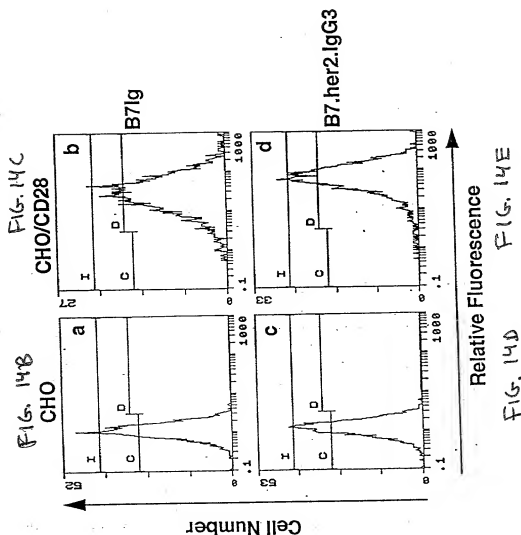
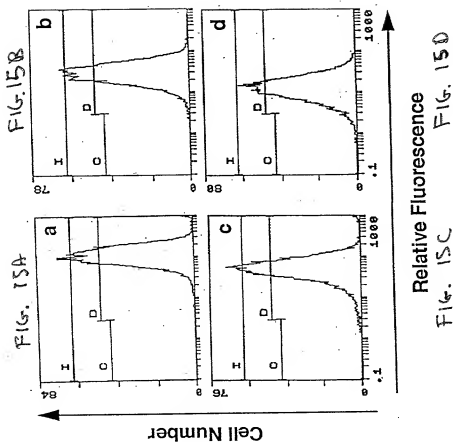


FIGURE 14B



(a) (b) (c) (d) (e) (f) (g) (h) (i) (j) (k) (l) (m) (n) (o) (p) (q) (r) (s) (t) (u) (v) (w) (x) (y) (z)

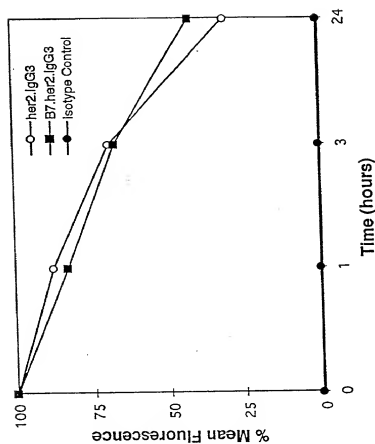


Fig. 15E

FIGURE 15B



PATENT
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) Examiner:
) Larry R. Helms, Ph.D.

) Art Unit:
) 1642

SUBMISSION OF CORRECTED FORMAL DRAWINGS

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

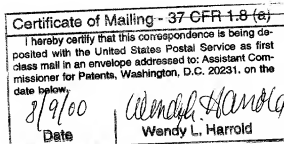
Enclosed for filing in the subject application are 22 sheets of corrected formal
drawings.

Respectfully submitted,

Date: August 9, 2000

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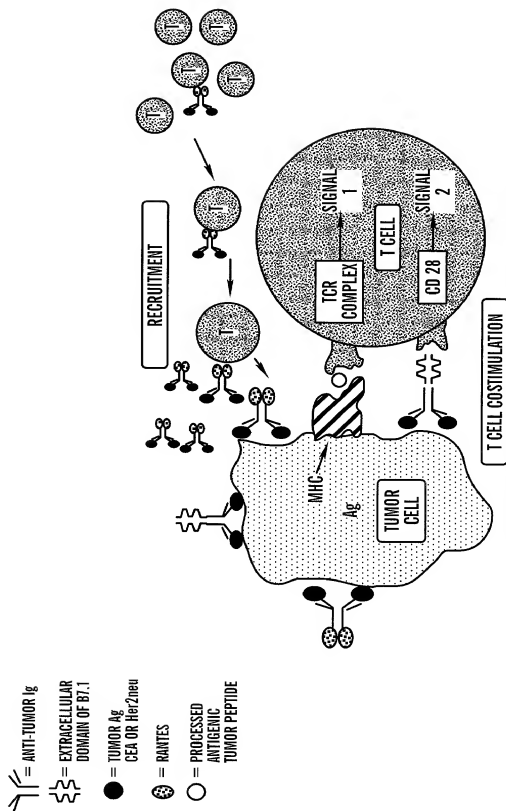
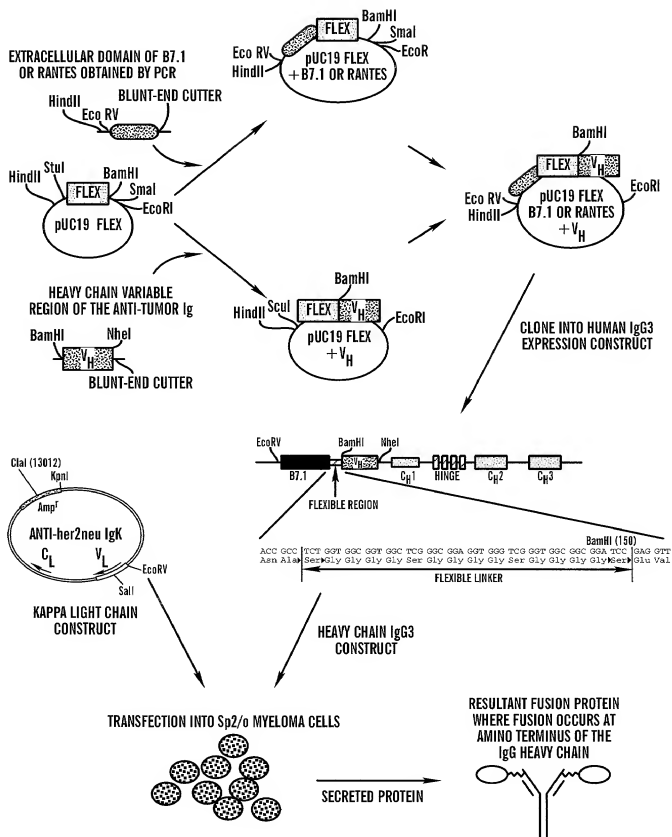


FIG. 1

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2-ME

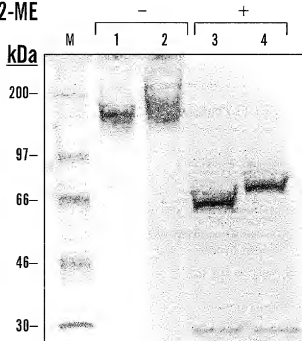


FIG. 4A

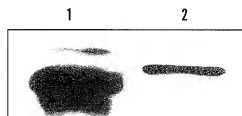


FIG. 4B

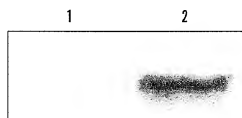


FIG. 4C

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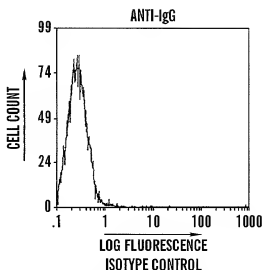


FIG. 5A

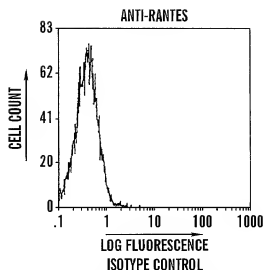


FIG. 5D

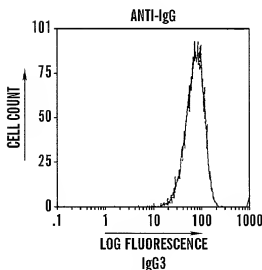


FIG. 5B

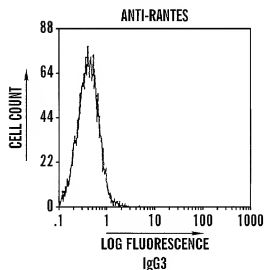


FIG. 5E

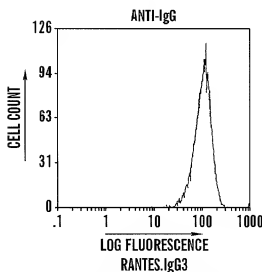


FIG. 5C

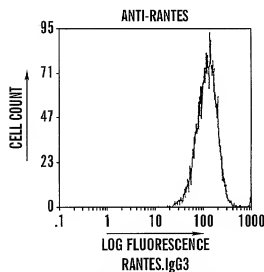


FIG. 5F

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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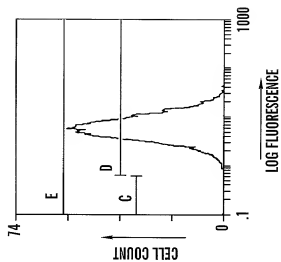


FIG. 5H

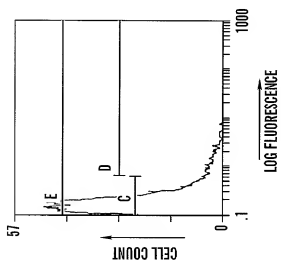


FIG. 5G

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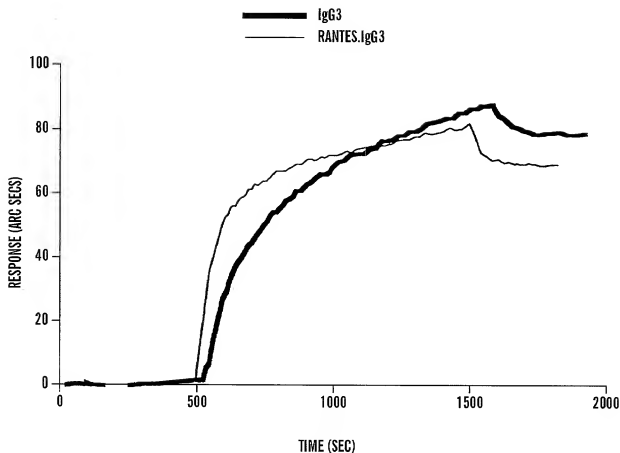


FIG. 6A

	k_a ($M^{-1} s^{-1}$)	k_d (s^{-1})	k_D (M)
IgG3	147867	0.007	7.0×10^{-8}
RANTES.IgG3	153538	0.0082	5.3×10^{-8}

FIG. 6B

APPROVED	O.G. FIG.
BY	CLASS SUBCLASS
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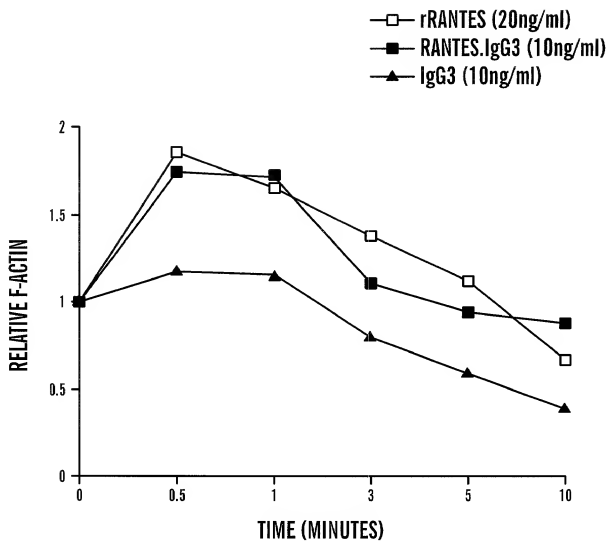


FIG. 7

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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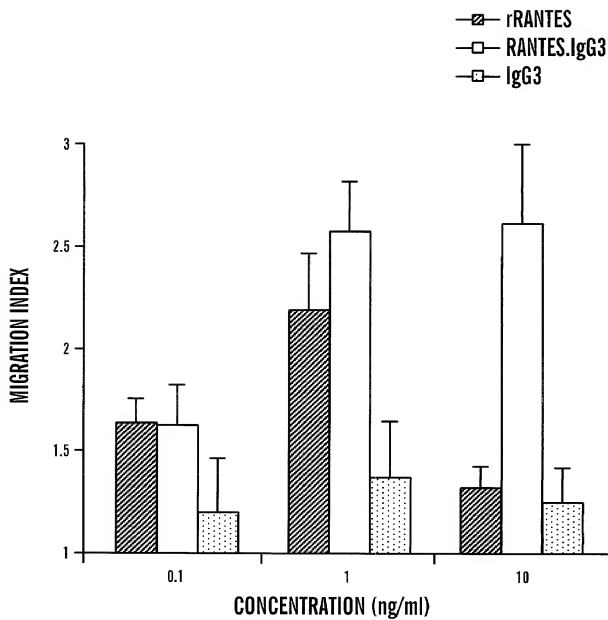


FIG. 8

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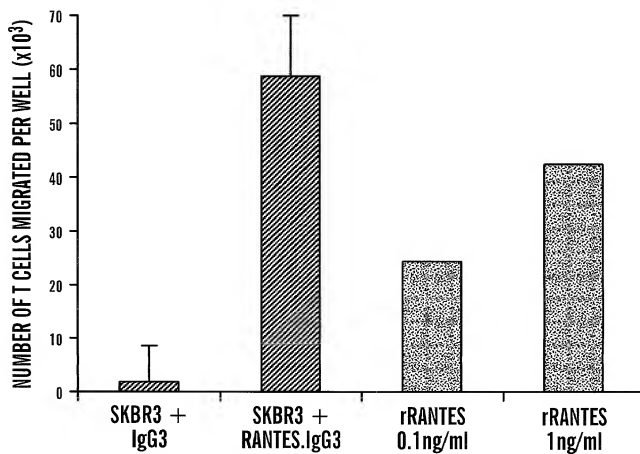
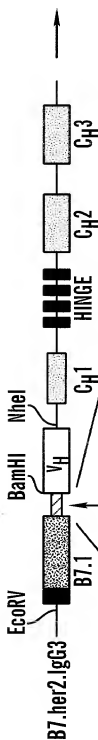
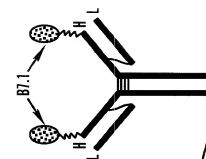
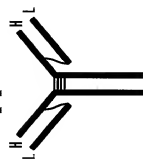


FIG. 9

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SECRETED ANTIBODY
H₂L₂ FORM



FLEXIBLE LINKER

BamHI

AAC GCC	TCT GGT GGC GGT GGC TCG GGC GGA GGT GGC TCG GGT GGC GGC GGA TCC	GAG GTT
Asn Alan	SerGly Gly Gly Ser Gly Gly Gly Ser Gly Gly Gly Gly Gly Val	

FLEXIBLE LINKER

V_H

FIG. 10

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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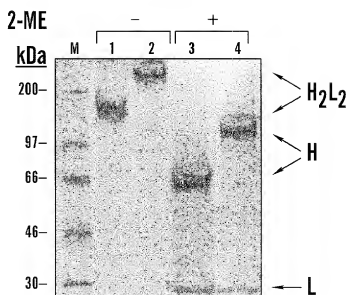


FIG. 11

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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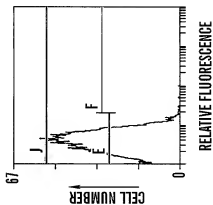


FIG. 12C

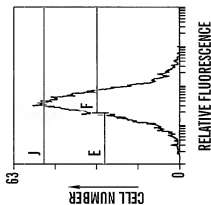


FIG. 12F

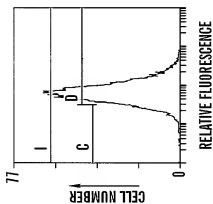


FIG. 12B

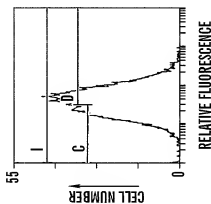


FIG. 12E

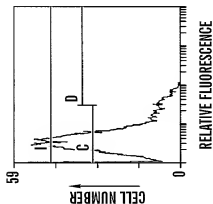


FIG. 12A

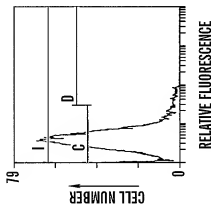


FIG. 12D

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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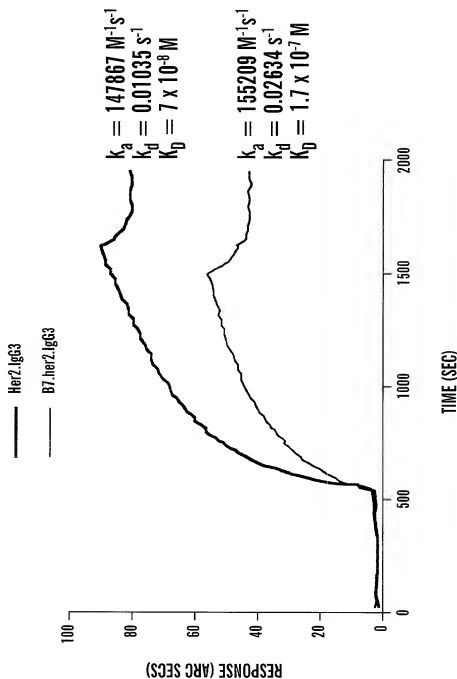
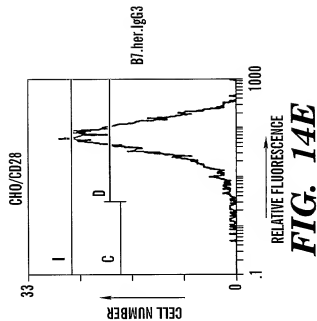
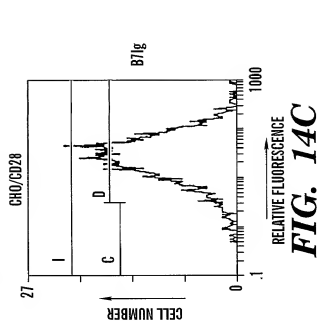
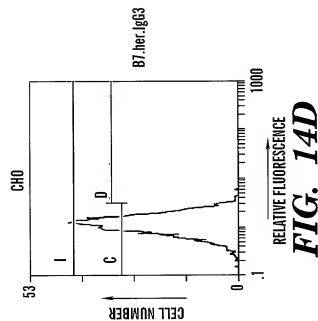
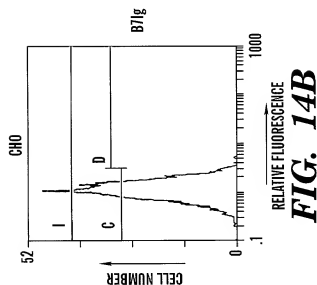


FIG. 13

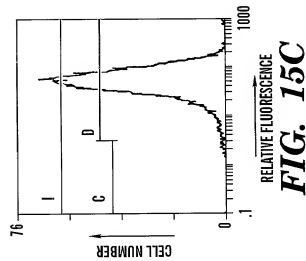
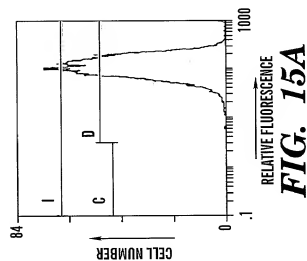
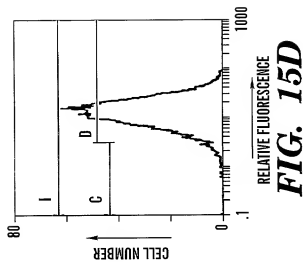
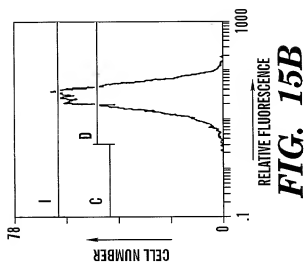
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2025 RELEASE



APPROVED	O.G. FIG.	
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APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

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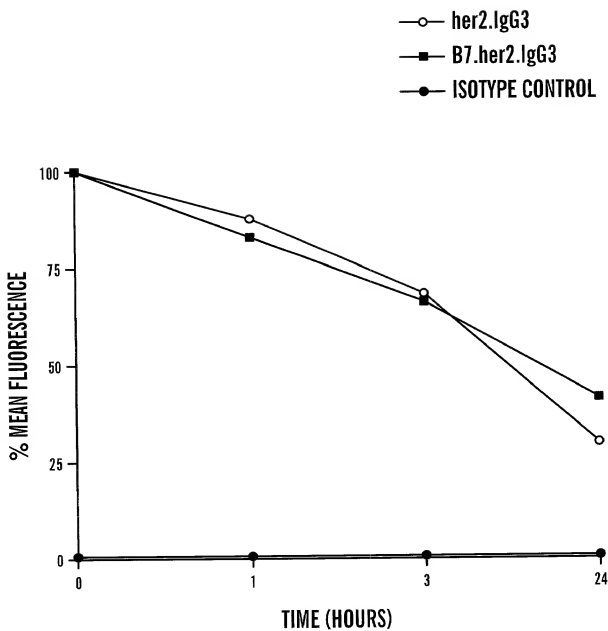


FIG. 15E

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
DRAFTSMAN		

19/22

- CHO/B7 (DONOR A)
- CHO/B7 (DONOR B)
- CHO/Her2 + IgG3 (DONOR A)
- CHO/Her2 + IgG3 (DONOR B)
- CHO + B7.IgG3 (DONOR A)
- CHO/Her2 + B7.IgG3 (DONOR A)
- CHO/Her2 + B7.IgG3 (DONOR B)

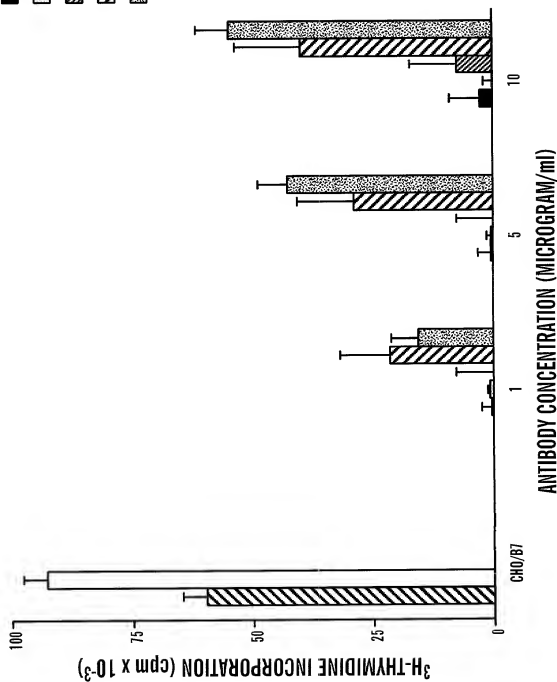


FIG. 16

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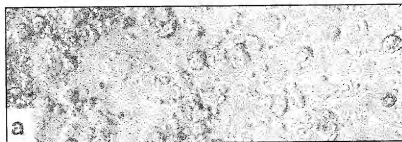


FIG. 17A

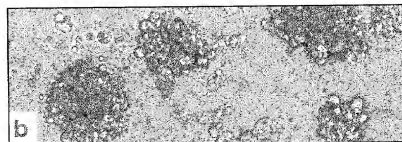


FIG. 17B

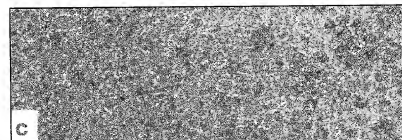


FIG. 17C

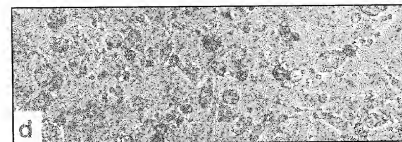


FIG. 17D

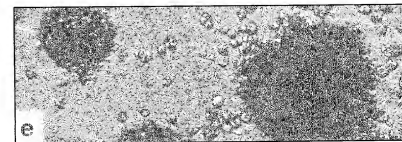


FIG. 17E

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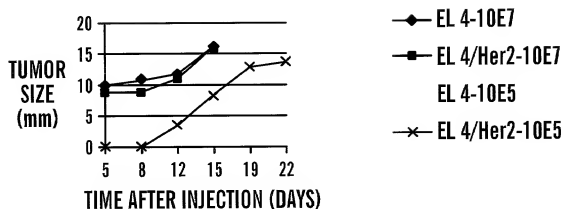


FIG. 18A

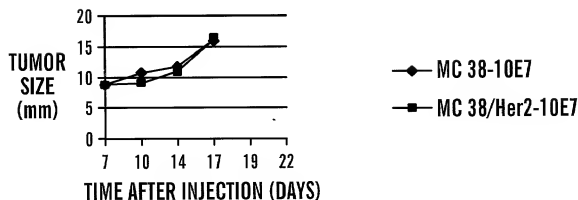


FIG. 18B

APPROVED	O.G. FIG.	
BY	CLASS	SUBCLASS
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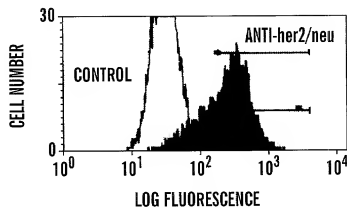


FIG. 19A

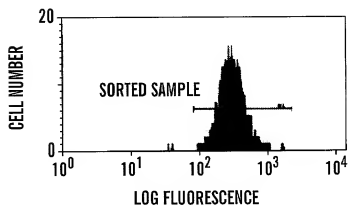


FIG. 19B